

Translation

PATENT COOPERATION TREATY

PCT/FR2003/002139



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

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| Applicant's or agent's file reference VS3002043PCT | FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) | |
| International application No. PCT/FR2003/002139 | International filing date (day/month/year) 09 juillet 2003 (09.07.2003) | Priority date (day/month/year) 12 juillet 2002 (12.07.2002) |
| International Patent Classification (IPC) or national classification and IPC C04B 30/02, 26/14, C03C 25/34, C08L 63/02, C08G 59/50 | | |
| Applicant SAINT-GOBAIN ISOVER | | |

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| 1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36. |
| 2. This REPORT consists of a total of <u>5</u> sheets, including this cover sheet. <input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of <u>3</u> sheets. |
| 3. This report contains indications relating to the following items: I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the international application VIII <input type="checkbox"/> Certain observations on the international application |

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|--|--|
| Date of submission of the demand 11 septembre 2003 (11.09.2003) | Date of completion of this report 12 November 2004 (12.11.2004) |
| Name and mailing address of the IPEA/EP | Authorized officer |
| Facsimile No. | Telephone No. |

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/FR2003/002139

I. Basis of the report

1. With regard to the elements of the international application:*

- ☐ the international application as originally filed
- ☒ the description:
pages _____ 1-12 _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☒ the claims:
pages _____, as originally filed
pages _____, as amended (together with any statement under Article 19
pages _____, filed with the demand
pages _____ 1-12 _____, filed with the letter of _____ 25 June 2004 (25.06.2004)
- ☐ the drawings:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/FR 03/02139

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | | |
|-------------------------------|--------|------|-----|
| Novelty (N) | Claims | 1-12 | YES |
| | Claims | | NO |
| Inventive step (IS) | Claims | 1-12 | YES |
| | Claims | | NO |
| Industrial applicability (IA) | Claims | 1-12 | YES |
| | Claims | | NO |

2. Citations and explanations

Reference is made to the following documents:

D1: EP-A-0 369 848 (SAINT GOBAIN ISOVER) 23 May 1990
(1990-05-23) cited in the application

D2: NL-A-8 003 965 (ROCKWOOL LAPINUS BV) 1 February
1982 (1982-02-01)

D3: DE 43 25 267 A (SCHIWEK HELMUT) 28 July 1994
(1994-07-28)

D4: DATABASE WPI Section Ch, Week 197734, Derwent
Publications Ltd., London, GB; Class A93, AN
1977-60711 Y XP002232696 & SU 541 826 A (UKR
PULP PAPER RES), 3 February 1977 (1977-02-03)

D5: EP-A-0 539 290 (SAINT GOBAIN ISOVER) 28 April
1993 (1993-04-28)

- Document D1 describes (page 11, lines 28-33, the examples and claims) a heat and/or sound insulation material made of mineral fibres, particularly glass fibres, with the same epoxy resins as in the present application. A preparation method as described in the present application and the use thereof are already known from document D1 (page 2, line 51 to page 5, line 1).

- 1.2 Document D2 describes (example 4) a heat and/or sound insulation material made of mineral fibres, particularly glass fibres, with an epoxy resin.
- 1.3 Document D3 describes (abstract) an insulation material containing glass fibres bonded by an epoxy resin.
- 1.4 Document D4 describes (abstract) a heat insulation material containing mineral fibres bonded by a binder that includes an epoxy resin.
- 1.5 Document D5 describes (claims 1 to 4) a sound-proofing panel consisting of mineral fibres and a binder polymerised from a polyester-epoxy resin powder or phenol resin powder.
- 1.6 None of the above documents describes or suggests the use of a high-temperature insulation material as claimed.
- 1.7 None of the above documents describes or suggests an insulation material including a surface web of (**short**) fibres.